

Access DB# 109384**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: Jonathan Crepeau Examiner #: 75637 Date: 12/1/03  
Art Unit: 1746 Phone Number 305 0051 Serial Number: 09/941526  
Mail Box and Bldg/Room Location: CP3 7E01 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Alkaline cell with improved Cathode RozelleInventors (please provide full names): Francis P. Wang; J. Simon Xue; David Anglin; James Rozelle;  
Joseph Drennan; Enoch L. WangEarliest Priority Filing Date: 8/24/01 US 2003 0049530

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

A battery comprising an electrode comprising "copper iodate" (HCA.  
( $\text{Cu}(\text{IO}_3)_2$ ).

13454-89-7.**STAFF USE ONLY**Searcher: IC

Searcher Phone #: \_\_\_\_\_

Searcher Location: \_\_\_\_\_

Date Searcher Picked Up: 12/3/03Date Completed: 12/3/03Searcher Prep & Review Time: 120

Clerical Prep Time: \_\_\_\_\_

Online Time: 120**Type of Search**

NA Sequence (#) \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_

Structure (#) \_\_\_\_\_

Bibliographic /

Litigation \_\_\_\_\_

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

**Vendors and cost where applicable**STN /

Dialog \_\_\_\_\_

Questel/Orbit \_\_\_\_\_

Dr.Link \_\_\_\_\_

Lexis/Nexis \_\_\_\_\_

Sequence Systems \_\_\_\_\_

WWW/Internet \_\_\_\_\_

Other (specify) \_\_\_\_\_



# ***STIC Search Report***

***EIC 1700***

**STIC Database Tracking Number: 109384**

**TO: Jonathan Crepeau  
Location: CP3 7E01  
Art Unit : 1746  
December 3, 2003**

**Case Serial Number: 09/941526**

**From: John Calve  
Location: EIC 1700  
CP3/4-3D62  
Phone: 308-4139**

**John.Calve@uspto.gov**

## **Search Notes**

STN search

=> d his

(FILE 'HOME' ENTERED AT 13:29:50 ON 01 DEC 2003)

FILE 'REGISTRY' ENTERED AT 13:30:07 ON 01 DEC 2003

L1 1 S COPPER IODATE/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:30:56 ON 01 DEC 2003

L2 3 S L1 AND BATTERY

L3 5 S L1 AND CELL

=>

=> s copper iodate/cn

L1 1 COPPER IODATE/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 13454-89-2 REGISTRY

CN Iodic acid (HIO<sub>3</sub>), copper(2+) salt (8CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Copper iodate (Cu(IO<sub>3</sub>)<sub>2</sub>) (6CI, 7CI)

OTHER NAMES:

CN Copper diiodate (Cu(IO<sub>3</sub>)<sub>2</sub>)

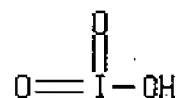
CN **Copper iodate**

CN Cupric iodate

MF Cu . 2 H I O<sub>3</sub>

LC STN Files: CA, CAOLD, CAPLUS, CHEMCATS, CSCHM, DETHERM\*, GMELIN\*,  
IFICDB, IFIUDB, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

CRN (7782-68-5)



# 1/2 Cu(II)

73 REFERENCES IN FILE CA (1907 TO DATE)

73 REFERENCES IN FILE CAPLUS (1907 TO DATE)

6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)